

EXHIBIT A

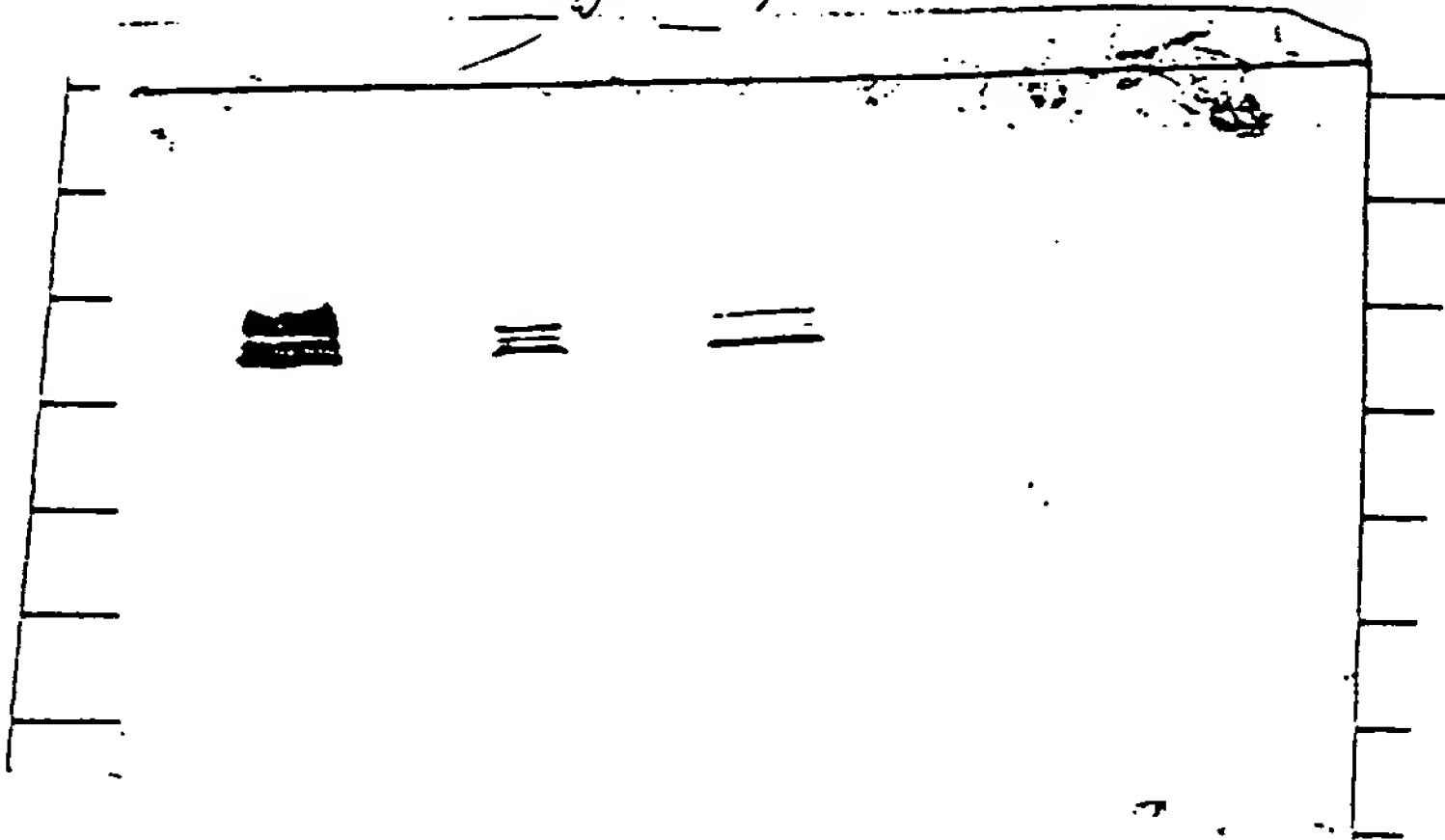
C-18	S/F	A.P.I.	PPGF
1.5	1.5	1.0	24
1.2	3.0	6/27	19

Hep. Sept / C-18 column of 1
 see dot 1st - 1st fraction test (con 1.5 ml)
 3 Tubes of 500ul each dry vial
 1 Tube resuspended in 40ul 5 mM HCl + 40ul sample buffer
 ran 20ul on well #2

HUVE S/F media dialyzed against 1 N HAc then
 0.1 N HAc for total of 24 hrs.
 500ul Tubes dry vial. resuspended 1 tube
 in 20ul 5 mM HCl plus 20ul sample buffer
 used 20ul in well #4

HUVE S/F media Hep. Sept / A.P.I. 10 2 PPGF
 column of 1.5 40 ul → 4 ml in 2nd peak
 took 500ul of 2nd fraction + dry vial.
 resuspended 1 tube in 40ul 5 mM HCl +
 40ul sample buffer. Ran 20ul on gel well #6

PPGF is 24 ng of creatine kinase rephased.



PROGRAM # 7
 REGION A: LL-UL= 0- 19 LCR= 0 BKG= 0 % 2 SIGMA= .2
 REGION B: LL-UL= 2- 19 LCR= 0 BKG= 0 % 2 SIGMA= .2
 TIME= 1.00 QIP= SIS SCR= B/A K= 1.000

#	S#	TIME	CPMA/K	%DEV	CPMB/K	%DEV	QIP	FLAGS	SCR	MIN
1	1	1.00	30651	1.14	29698	1.16	16.0	3?	.969	1
2	2	1.00	13446	1.72	12950	1.76	15.9	3?	.963	3
3	3	1.00	15974	1.58	15408	1.61	15.8	3?	.963	4
4	4	1.00	11639	1.85	11190	1.89	15.9	3?	.961	5
5	5	1.00	3431	3.41	3249	3.51	14.8	3?	.947	6
6	6	1.00	10127	1.99	9795	2.02	16.1	2?	.967	8
7	7	1.00	60448	.81	58777	.82	16.4	3?	.972	9
8	8	1.00	39864	1.00	38734	1.02	16.4	2?	.972	10
9	9	1.00	45614	.94	44348	.95	16.5	2?	.972	11
10	10	1.00	26545	1.23	25769	1.25	16.4	2?	.971	13
11	11	1.00	39883	1.00	38761	1.02	16.4	2?	.972	14
12	12	1.00	33284	1.10	32354	1.11	16.5	2?	.972	15
13	13	1.00	38947	1.01	37927	1.03	16.6	2?	.974	17
14	14	1.00	35602	1.06	34699	1.07	16.5	2?	.975	18
15	15	1.00	17644	1.51	17141	1.53	16.3	2?	.971	19
16	16	1.00	20121	1.41	19548	1.43	16.3	2?	.972	20
17	17	1.00	21141	1.38	20512	1.40	16.4	2?	.970	22
18	18	1.00	3135	3.57	2983	3.66	15.8	2?	.952	23
19	19	1.00	3549	3.36	3377	3.44	15.9	2?	.952	24
20	20	1.00	2101	4.36	1982	4.49	15.5	2?	.943	25

100ul

10ul cent

ed as 1

HUE S/F media from 6/23 column Hys Seph + C-18
 1st fraction best 500ul (out of 1.5ml fraction) Tube
 dried down resuspended 10ul - 1 sample
 resuspended 500ul Tube in 20ul - 10ul, 5ul, 2ul

HUE S/F media from 6/23 column Hys Seph + C-18
 2nd fraction 500ul - resuspended in 10ul - 1 sample

Refers to western of 7/23 for lots of above
 samples

Mits Asay

1 ARL10 6/24 500ul	2 ARL10 6/24 500ul 20-12	3 ARL10 6/24 500ul 20-6	4 ARL10 6/24 20-9	5 ARL10 6/21 Fraction 2, 3, 4 12-10ul	6 ARL10 6/21 Fraction 2, 3, 4 12-2ul
7 HUE S/F HFC dialyzed 500ul	8 HUE S/F HFC dialyzed 500ul	9 HUE S/F C-18 6/23 12 fac 500ul	10 HUE S/F C-18 6/23 500ul 20-12ul	11 HUE S/F C-18 6/23 500ul 20-6ul	12 HUE S/F C-18 6/23 500ul 20-2ul
13 HUE S/F 6/23 C-18 25 fac 500ul	14 Cue 10ng	15 Cue 5ng 5ng	16 Cue 5ng	17 Cue 2ng	18 Blank
19 Blank	20 Blank	21	22	23	24

G/F on at 5:00p

Antigen Assay NRK cells (1:4^{plates}, 1:1, 1:1)

HUVE S/F HPA: 10 2nd fraction 6/24 500 μ l Tube
resuspended in 10 μ l 5 mM HCl - this used as 1 sample
500 μ l Tube resuspended in 20 μ l - used as
12 μ l, 5 μ l, 2 μ l, ~~1 μ l~~ samples

HUVE S/F HPA: 10 for ' ' fraction 2, 3, 4 - 100 μ l
from each fraction control and day-saved.
resuspended this in 12 μ l - used as 10 μ l and
2 μ l samples.

HUVE S/F HAc dialyzed 500 μ l dialyzed
media resuspended in 20 μ l 5 mM HCl - used as 1
sample

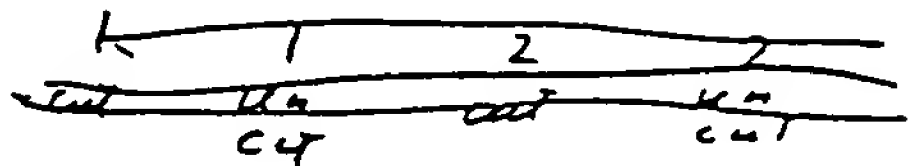
HUVE S/F media from 6/23 column Hep Sph + C-18
1st fraction first 500 μ l (out of 1.5 ml fraction) Tube
dried down resuspended 10 μ l - 1 sample
resuspended 500 μ l Tube in 20 μ l - 10 μ l, 5 μ l, 2 μ l

HUVE S/F media from 6/23 column Hep Sph + C-18
2nd fraction 500 μ l - resuspended in 10 μ l - 1 sample

Refs to western of - + - for lots of work
samples

KS-17B60 R 32
 clones 1, 2, 3, 4

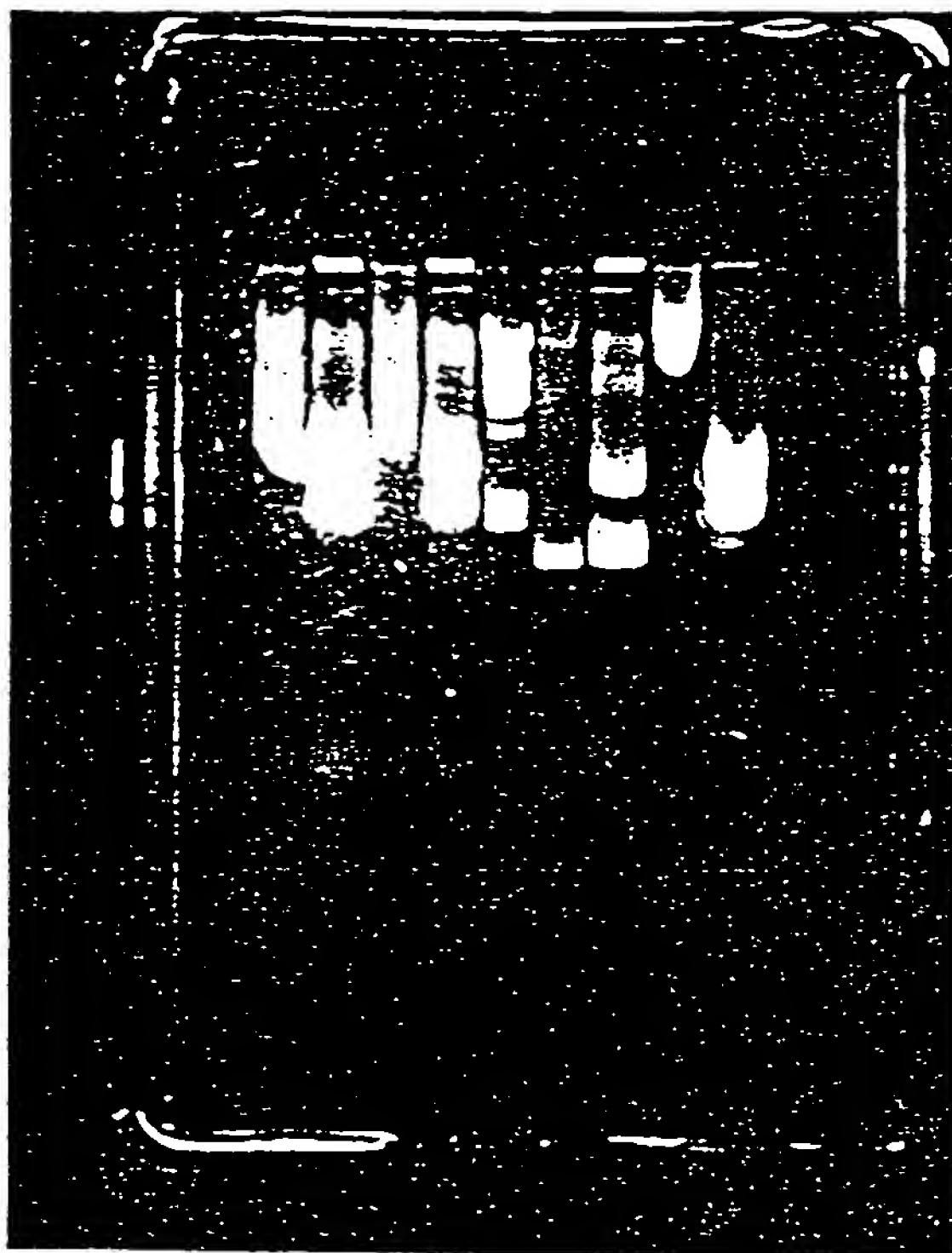
EcoRI R_x cut of
 insert



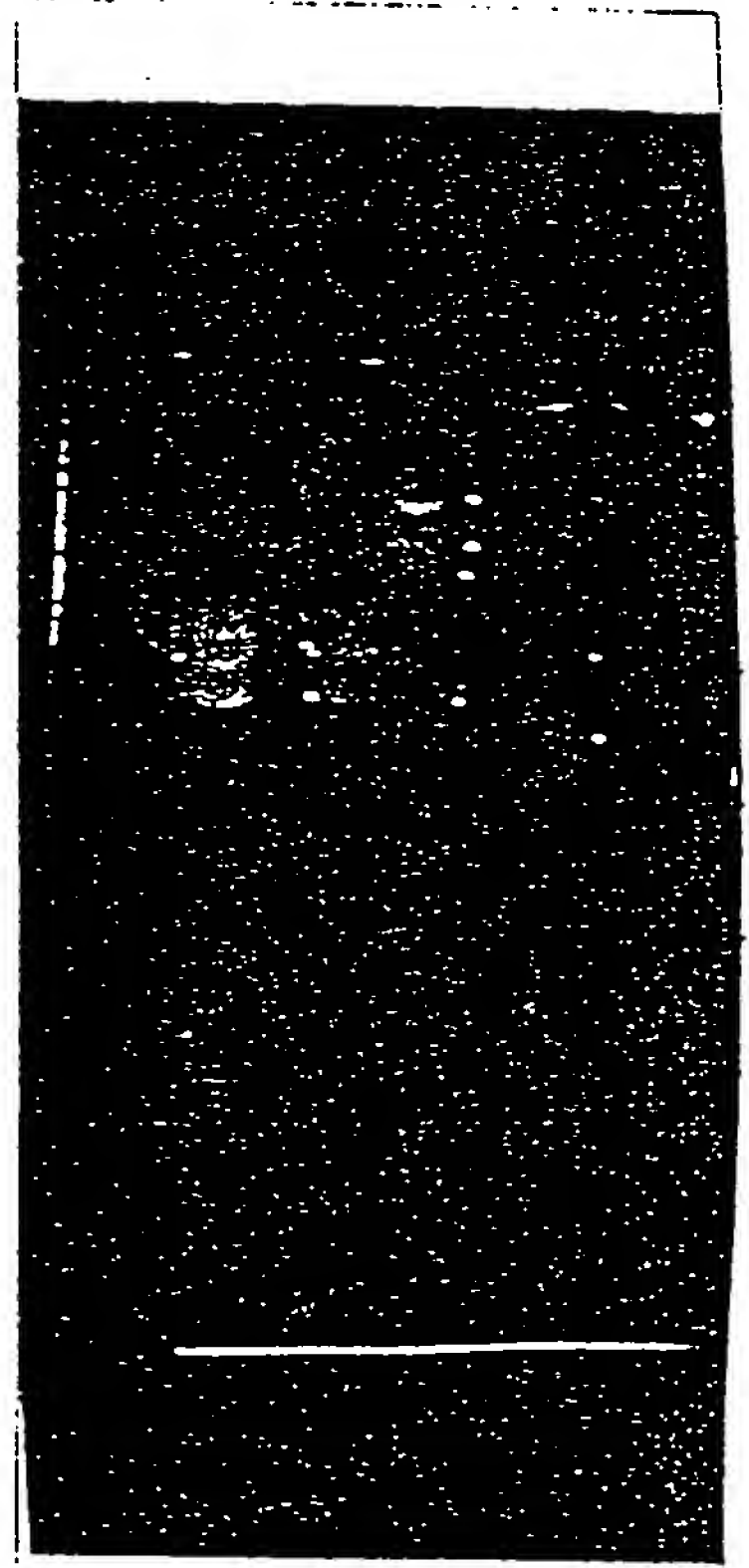
1	1	2	2	KK	3	3	4	4
cut	cut	cut	cut	lig	cut	cut	cut	cut
3rd	5th	3rd	5th		2nd	5th	3rd	5th

I picked this clone to grow up + subclone into M13

Southern
 Probed w/
 λgt11 17B60
 fragment



gel



Nitrocellulose
 blot

DB60 R32 - clone selected from Hure-DNH

λ gt11 library of screening w/ DB60

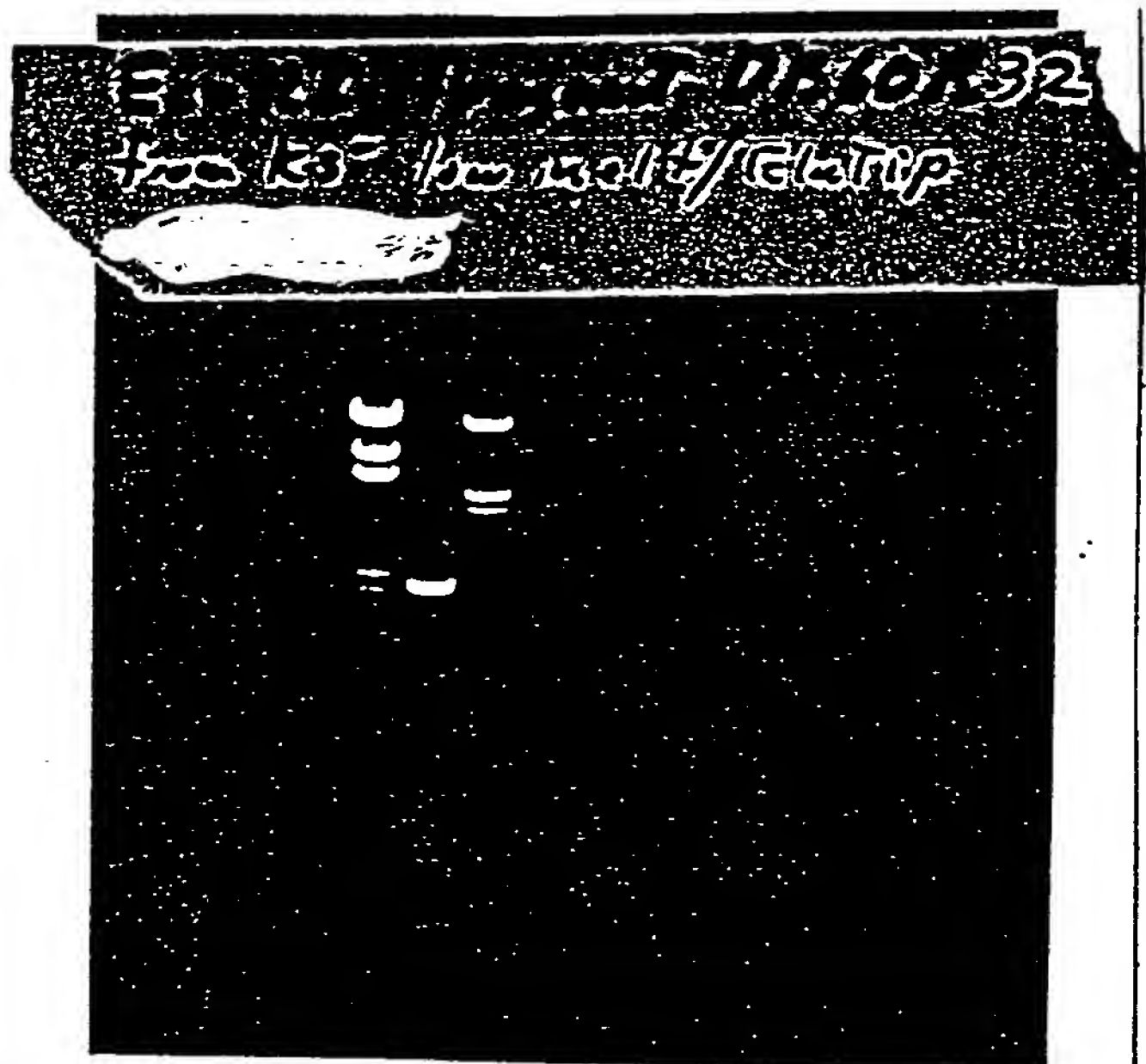
EcoRI fragment picked in 1st screen
w/ 2 P126F antibody

insert cut from λ gt11, ~~for~~ subcloned
into KS⁻ bluescript plasmid

Grown up in 50 ml of NM522 cells,
plasmid prep of 50 ml, ran 10 μ g
on low salt gel + cut out EcoRI
fragment. Ran over Elutip column

(very hard to push low salt wash through,
too much agarose, need smaller slice)

Fragment run on gel w/ markers



Fragment size is